What is claimed is:

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1. A method of cleaning an contaminated surface on a head suspension for a rigid disk drive, the head suspension including a load beam with a mounting region at a proximal end, a rigid region at a distal end and a spring region between the mounting region and the rigid region, the method comprising the steps of

patterning a laser beam such that a single pulse extends across the entire contaminated surface; and

applying one or more pulses of the laser energy sufficient to laser clean the contaminated surface.

- 2. The method of claim 1 wherein the entire contaminated surface is melted simultaneously.
- 3. The method of claim 1 wherein the contaminated surface comprises stainless steel.
- 4. The method of claim 1 comprising the further step of determining a fluence such that a single pulse just starts to melt tops of surface irregularities on the contaminated surface.
 - 5. The method of claim 1 wherein the step of patterning the laser beam comprises the step of interposing a mask between a source of the laser beam and the contaminated surface.
 - 6. The method of claim 5 wherein the mask comprises an aperture adapted to shape the laser beam to a shape generally corresponding to a shape of the contaminated surface.
- 7. The method of claim 5 comprising directing the laser beam through a lens located between the mask and the contaminated surface.
 - 8. The method of claim 5 wherein the step of patterning the laser beam comprises the step of interposing at least one lens between the mask and the contaminated surface.

- 9. The method of claim 1 wherein the contaminated surface comprises a lift tab.
- 10. The method of claim 1 wherein the contaminated surface comprises a load point dimple.

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- 11. A method of cleaning an contaminated surface of a head suspension, comprising the steps of simultaneously applying laser energy to a region that extends across at least the contaminated surface wherein the entire contaminated surface is cleaned simultaneously; determining a fluence such that a single pulse cleans the contaminated surface; and interposing a mask between a source of laser energy and the contaminated surface.
 - 12. The method of claim 11 wherein the mask comprises an aperture adapted to shape the laser energy to a shape generally corresponding to a shape of the contaminated surface.
- 13. The method of claim 11 comprising directing the laser energy through a lens located between the mask and the contaminated surface.
 - 14. The method of claim 11 wherein the step of patterning the laser energy comprises the step of interposing at least one lens between the mask and the contaminated surface.
 - 15. A head suspension made by the steps of: forming load beam on a metal ribbon; detaching the suspension from the ribbon;

laser cleaning an contaminated surface of the suspension by patterning a laser beam such that a single pulse extends across the entire contaminated surface, and applying one or more pulses of the laser energy sufficient to laser melt a surface of the contaminated surface.

16. A head suspension, comprising;a load beam;a suspension connected to the load beam

a head slider connected to the suspension; and
a lift tab connected to the head slider
wherein an contaminated surface of the load beam is laser
cleaned by patterning a laser beam such that a single pulse extends across the entire
contaminated surface.

17. The head suspension of claim 16, wherein the method of manufacturing leaves metallic remnants on the suspension.

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18. The head suspension of claim 16, wherein the load beam was connected to a metal ribbon during forming through a tab that is subsequently severed during the manufacturing process with a portion of the tab remaining on the head suspension after severing, wherein the contaminated surface includes the remaining portion of the tab.